

DOCKET NO: 231751US26YA

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
ERIC J STRANG : EXAMINER: SAXENA, AKASH  
SERIAL NO: 10/673,507 :  
FILED: SEPTEMBER 30, 2003 : GROUP ART UNIT: 2128  
FOR: SYSTEM AND METHOD FOR :  
USING FIRST-PRINCIPLES  
SIMULATION TO CONTROL A  
SEMICONDUCTOR MANUFACTURING  
PROCESS

**AMENDMENT UNDER 37 C.F.R. § 1.111**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated September 16, 2010, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 18 of this paper.